

# TRANSMITTAL FORM

Application Serial Number	09/841,325
Filing Date	April 24, 2001
First Named Inventor	Modell
Group Art Unit	3737
Examiner Name	Not yet assigned
Attorney Docket No.	MDS-009CN
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Check Attached<br><input type="checkbox"/> Copy of Fee Transmittal Form<br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> Preliminary<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]<br><input type="checkbox"/> Petition for Extension of Time<br><input checked="" type="checkbox"/> Supplemental Information Disclosure Statement<br><input checked="" type="checkbox"/> Form PTO-1449<br><input checked="" type="checkbox"/> Copies of SIDS Citations (B36-B40)<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Sequence Listing submission<br><input type="checkbox"/> Paper Copy/CD<br><input type="checkbox"/> Computer Readable Copy<br><input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application<br><input type="checkbox"/> Formal Drawing(s)<br><input type="checkbox"/> Request For Continued Examination (RCE) Transmittal<br><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application<br><input type="checkbox"/> Small Entity Statement<br><input type="checkbox"/> CD(s) for large table or computer program<br><input type="checkbox"/> Amendment After Allowance<br><input type="checkbox"/> Request for Certificate of Correction<br><input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences<br><input type="checkbox"/> Appeal Brief (in triplicate)<br><input type="checkbox"/> Status Inquiry<br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8<br><input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8<br><input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below)<br><input checked="" type="checkbox"/> Second Request for Consideration of References Previously Submitted (2 pgs.)<br><input checked="" type="checkbox"/> Copy of Request for Consideration of References Previously Submitted and related papers originally submitted to the USPTO on December 1, 2003, and stamped as received by the USPTO on December 5, 2003 (5 pgs.)<br><input checked="" type="checkbox"/> Copies of the Information Disclosure Statement and related papers (10 pgs.), originally submitted to the USPTO on August 31, 2001, and stamped as received by the USPTO on September 4, 2001;<br><input checked="" type="checkbox"/> Copies of the Supplemental Information Disclosure Statement and related papers (9 pgs.), originally submitted to the USPTO on October 5, 2001, and stamped as received by the USPTO on December 11, 2001<br><input checked="" type="checkbox"/> Copies of the Second Supplemental Information Disclosure Statement and related papers (17 pgs.) originally submitted to the USPTO on July 10, 2003, and stamped as received by the USPTO on July 14, 2003 |
|--|---|---|

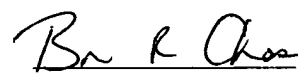
## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
 Goodwin Procter LLP  
 Exchange Place  
 Boston, MA 02109  
 Tel. No.: (617) 570-1000  
 Fax No.: (617) 523-1231  
 Customer No. 051414

## SIGNATURE BLOCK

Date: August 30, 2005  
 Reg. No. 56,663  
 Tel. No.: (617) 570-1053  
 Fax No.: (617) 523-1231

Respectfully submitted,

  
 Brian R. Chase  
 Attorney for Applicants  
 Goodwin Procter LLP  
 Exchange Place  
 Boston, MA 02109



EXPRESS MAIL® Mailing Label Number **EV63105539945**

PATENT  
Attorney Docket No. MDS-009CN  
(120407/156456)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S):       Modell et al.               CONFIRMATION NO.:   6590  
SERIAL NO.:         09/841,325             GROUP NO.:           3737  
FILING DATE:        April 24, 2001       EXAMINER:             Smith, Ruth S.  
TITLE:               Spectral Volume Microprobe Arrays

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with 37 C.F.R. 1.98(a)(2), only copies of the foreign patent documents are enclosed.

**REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**

- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

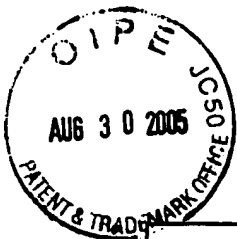
Date: August 30, 2005  
Reg. No. 56,663

Tel. No.: (617) 570-1053  
Fax No.: (617) 523-1231  
2574061

Respectfully submitted,

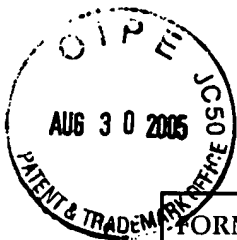


Brian R. Chase  
Attorney for Applicants  
Goodwin Procter LLP  
Exchange Place  
Boston, Massachusetts 02109  
Customer No. 051414



## Express Mail Mailing Label No. EV631055399US

FORM PTO - 1449				ATTORNEY DOCKET NO.: MDS-009CN			
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Modell et al.			
				SERIAL NO.: 09/841,325			
				FILING DATE: April 24, 2001      GROUP: 3737			
U.S. PATENT DOCUMENTS							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A254	D 500,134	12/21/2004	Banks <i>et al.</i>			
	A255	D 507,349	07/12/2005	Banks <i>et al.</i>			
	A256	4,349,510	09/14/1982	Kolehmainen <i>et al.</i>			
	A257	4,396,579	08/02/1983	Schroeder <i>et al.</i>			
	A258	4,755,055	07/05/1988	Johnson <i>et al.</i>			
	A259	5,205,291	04/27/1993	Potter			
	A260	5,383,874	01/24/1995	Jackson <i>et al.</i>			
	A261	5,452,723	09/26/1995	Wu <i>et al.</i>			
	A262	5,784,162	07/21/1998	Cabib <i>et al.</i>			
	A263	5,871,439	02/16/1999	Takahashi <i>et al.</i>			
	A264	5,902,246	05/11/1999	McHenry <i>et al.</i>			
	A265	5,999,844	12/07/1999	Gombrich <i>et al.</i>			
	A266	6,026,319	02/15/2000	Hayashi			
	A267	6,123,454	09/26/2000	Canfield <i>et al.</i>			
	A268	6,135,965	10/24/2000	Tumor <i>et al.</i>			
	A269	6,224,256	05/01/2001	Bala			
	A270	6,332,092	12/18/2001	Deckert <i>et al.</i>			
	A271	6,370,422	04/09/2002	Richards-Kortum <i>et al.</i>			
	A272	6,390,671	05/21/2002	Tseng			
	A273	6,405,070	06/11/2002	Banerjee			
	A274	6,487,440	11/26/2002	Deckert <i>et al.</i>			
	A275	6,593,101	07/15/2003	Richards-Kortum <i>et al.</i>			
	A276	6,593,102	07/15/2003	Zahniser			
	A277	6,639,674	10/28/03	Sokolov <i>et al.</i>			
	A278	6,697,666	02/24/04	Richards-Kortum, <i>et al.</i>			
EXAMINER				DATE CONSIDERED			



FORM PTO - 1449				ATTORNEY DOCKET NO.: MDS-009CN			
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Modell et al.			
				SERIAL NO.: 09/841,325			
				FILING DATE: April 24, 2001      GROUP: 3737			
U.S. PATENT DOCUMENTS							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A279	6,760,613	07/06/04	Nordstrom <i>et al.</i>			
	A280	6,902,935	06/07/2005	Kaufman <i>et al.</i>			
	A281	6,818,903	11/16/04	Schomacker <i>et al.</i>			
	A282	6,826,422	11/30/04	Modell <i>et al.</i>			
	A283	6,839,661	1/4/05	Costa <i>et al.</i>			
	A284	6,847,490	01/25/05	Nordstrom <i>et al.</i>			
	A285	6,933,154	8/23/05	Schomacker <i>et al.</i>			
	A286	2002/0007122	01/17/02	Kaufman <i>et al.</i>			
	A287	2002/0127735	09/12/02	Kaufman <i>et al.</i>			
	A288	2002/0177777	11/28/02	Nordstrom <i>et al.</i>			
	A289	2002/0183626	12/05/02	Nordstrom <i>et al.</i>			
	A290	2003/0095721	05/22/03	Clume <i>et al.</i>			
	A291	2003/0144585	07/31/03	Kaufman <i>et al.</i>			
	A292	2004/0010375	01/15/04	Schomacker <i>et al.</i>			
	A293	2004/0206913	10/21/04	Costa <i>et al.</i>			
	A294	2004/0206882	10/21/04	Banks <i>et al.</i>			
	A295	2004/0206914	10/21/04	Schomacker <i>et al.</i>			
	A296	2004/0207625	10/21/04	Griffin <i>et al.</i>			
	A297	2004/0208385	10/21/04	Jiang			
	A298	2004/0208390	10/21/04	Jiang <i>et al.</i>			
	A299	2004/0209237	10/21/04	Flewelling <i>et al.</i>			
EXAMINER				DATE CONSIDERED			



FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT					ATTORNEY DOCKET NO.: MDS-009CN APPLICANT(S): Modell et al. SERIAL NO.: 09/841,325 FILING DATE: April 24, 2001      GROUP: 3737				
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B36	196 29 646	01/29/1988	DE				N	Y (abstract)
	B37	2-17429	01/22/1990	JP				N	Y (abstract)
	B38	5-256772	10/05/1993	JP				N	Y (abstract)
	B39	1-245215	09/29/1989	JP				N	Y (abstract)
	B40	04/095359	11/04/2004	WO				N	Y
EXAMINER					DATE CONSIDERED				

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**PATENT**  
Atty. Docket No. MDS-009CN  
(120407/156456)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S):      Modell et al.      CONFIRMATION NO.:      6590  
SERIAL NUMBER:      09/841,325      ART UNIT:      3737  
FILING DATE:      April 24, 2001      EXAMINER:      Smith, Ruth S.  
TITLE:      Spectral Volume Microprobe Arrays

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SECOND REQUEST FOR CONSIDERATION OF**  
**REFERENCES PREVIOUSLY SUBMITTED**

Sir:

In the Office Action, Paper No. 8, mailed from the U.S. Patent and Trademark Office ("USPTO") on September 2, 2003, the Examiner included with the Office Action copies of the PTO-1449 forms submitted on August 31, 2001, October 5, 2001, and July 30, 2003. The Examiner did not indicate consideration of the Foreign Patent Documents (B References) or the Other Art, Journal Articles, Etc. (C References). Applicants resubmitted the PTO-1449 forms and references B1-B27 and C1-C107 along with a Request for Consideration of References Previously Submitted on December 1, 2003. Applicants submit that the documents were timely and properly submitted to the USPTO as evidenced by the enclosed Certificate of First Class Mail identifying the documents and the return receipt postcard, which acknowledges receipt of the documents by the USPTO on December 5, 2003.

Applicants will be happy to provide additional copies of these references should they be needed. Applicants cordially invite the Examiner to contact the undersigned should any additional copies be needed.

Applicants hereby request that the references indicated above be considered and that an initialed copy of each of the previously submitted PTO-1449 forms be entered in the file and a

Second Request for Consideration of Reference Previously Submitted  
Docket No. MDS-009CN  
Serial No. 09/841,325  
Filing Date: April 24, 2001

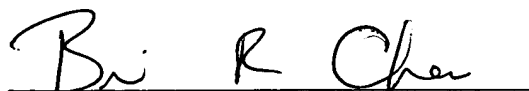
copy sent to Applicants' correspondence address. Applicants enclose a copy of the previously submitted Information Disclosure Statements and PTO-1449 Forms.

Applicants believe no additional fees are due upon submission of this paper. If any fees are due, the Commissioner is hereby authorized to charge them to Deposit Account No. 07-1700.

Respectfully submitted,

Date: August 30, 2005  
Reg. No. 56,663

Tel. No. (617) 570-1053  
Fax No. (617) 523-1231

A handwritten signature in black ink, reading "Brian R. Chase", written over a horizontal line.

Brian R. Chase  
Attorney for Applicants  
Goodwin Procter, LLP  
Exchange Place  
Boston, MA 02109

2574093.1





COPY

EXPRESS MAIL MAILING LABEL  
NO. EV631055399US

MDS-009CN (6219/15)

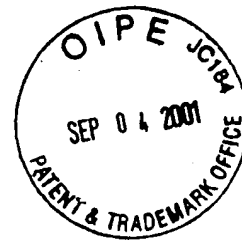
The "Received" stamp of the Patent Office imprinted hereon acknowledges the filing of the following documents by Certificate of First Class Mailing (1 pg.); Transmittal Form (1 pg.); Information Disclosure Statement (2 pgs.); PTO Form 1449 (5 pgs.); one copy of each cited reference, A1-A64, B1-B7 and C1-C14; and this return receipt postcard, all mailed first class postage prepaid on August 31, 2001.

Applicants: Modell et al.

Serial No.: 09/841,325

Atty: JBMilstein/sms

Date: August 31, 2001



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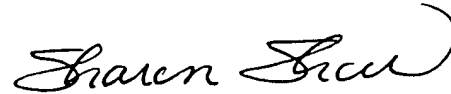
PATENT  
Attorney Docket No. MDS-009CN (6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Not Yet Assigned  
TITLE: Spectral Volume Microprobe Arrays

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 31st day of August, 2001.

  
Sharon Shaw

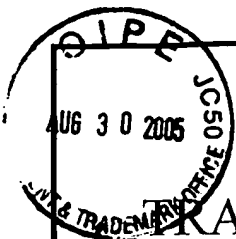
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page);
2. Information Disclosure Statement (2 pages);
3. PTO Form 1449 (5 pages);  
and one copy of each cited reference A1-A64,  
B1-B7 and C1-C14;
4. Return-receipt postcard.

MILSTEIN\6219\15.2167978\_1



# TRANSMITTAL FORM

Application Serial Number	09/841,325
Filing Date	April 24, 2001
First Named Inventor	Modell et al.
Group Art Unit	3737
Examiner Name	Not Yet Assigned
Attorney Docket No.	MDS-009CN
BATCH NO. (after allowance)	Not applicable
Patent No.	Not applicable
Issue Date	Not applicable


## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form  <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]  <input type="checkbox"/> Petition for Extension of Time  <input checked="" type="checkbox"/> Information Disclosure Statement (2 pages) <input checked="" type="checkbox"/> Form PTO-1449 (5 pages) <input checked="" type="checkbox"/> Copies of IDS Citations  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Corrected Application Papers (PTO-1553)  <input type="checkbox"/> Formal Drawing(s)  <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal  <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application  <input type="checkbox"/> Small Entity Statement  <input type="checkbox"/> CD(s) for large table or computer program  <input type="checkbox"/> Amendment After Allowance  <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences  <input type="checkbox"/> Appeal Brief (in triplicate)  <input type="checkbox"/> Status Inquiry  <input checked="" type="checkbox"/> Return Receipt Postcard  <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8  <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8  <input type="checkbox"/> Additional Enclosure(s) (please identify below)
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## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110  
Tel. No.: (617) 248-7000  
Fax No.: (617) 248-7100

## SIGNATURE BLOCK

Respectfully submitted,  
  
Joseph B. Milstein  
Atty/Agent for Applicant(s)  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110  
  
Date: August 31, 2001  
Reg. No. 42,897  
Tel. No.: (617) 248-7695  
Fax No.: (617) 248-7100



PATENT  
Attorney Docket No. MDS-009CN  
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Not Yet Assigned  
TITLE: Spectral Volume Microprobe Arrays

Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, OR
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

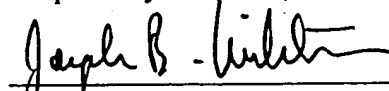
- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Date: August 31, 2001  
Reg. No. 42,897

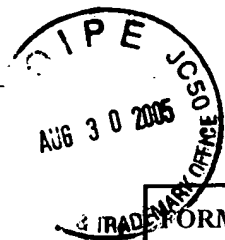
Tel. No.: (617) 248-7695  
Fax No.: (617) 248-7100

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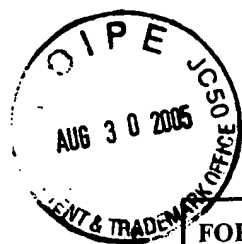
Respectfully submitted,



Joseph B. Milstein  
Atty/Agent for Applicant(s)  
Testa, Hurwitz, & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110



FORM PTO - 1449				ATTORNEY DOCKET NO.: MDS-009CN (6219/15)			
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Modell et al.			
				SERIAL NO.: 09/841,325			
				FILING DATE: April 24, 2001 GROUP: 3737			
U.S. PATENT DOCUMENTS							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	3,013,467	12/19/61	Minsky	88	14	
	A2	4,017,192	4/12/77	Rosenthal et al	356	201	
	A3	4,198,571	4/15/80	Sheppard	250	571	
	A4	4,254,421	3/3/81	Kreutel, Jr.	343	754	
	A5	4,357,075	11/2/82	Hunter	350	294	
	A6	4,397,557	8/9/83	Herwig et al.	356	342	
	A7	4,733,063	3/22/88	Kimura et al.	250	201	
	A8	4,753,530	6/28/88	Knight et al.	356	73	
	A9	4,844,617	7/4/89	Kelderman et al.	356	372	
	A10	4,845,352	7/4/89	Benschop	250	201	
	A11	4,852,955	8/1/89	Doyle et al.	350	1.2	
	A12	4,930,516	6/5/90	Alfano et al.	128	665	
	A13	4,965,441	10/23/90	Picard	250	201.3	
	A14	4,972,258	11/20/90	Wolf et al.	358	93	
	A15	4,997,242	3/5/91	Amos	350	6.91	
	A16	5,011,243	4/30/91	Doyle et al.	350	1.2	
	A17	5,028,802	7/2/91	Webb et al.	250	571	
	A18	5,032,720	7/16/91	White	250	236	
	A19	5,034,613	7/23/91	Denk et al.	250	458.1	
	A20	5,042,494	8/27/91	Alfano	128	665	
	A21	5,054,926	10/8/91	Dabbs et al.	356	345	
	A22	5,065,008	11/12/91	Hakamata et al.	250	216	
	A23	5,071,246	12/10/91	Blaha et al	351	221	
	A24	5,074,306	12/24/91	Green et al.	128	664	
EXAMINER				DATE CONSIDERED			



FORM PTO - 1449

## INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN (6219/15)

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

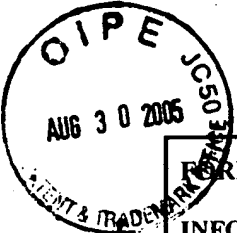
## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A25	5,083,220	1/21/92	Hill	359	234	
	A26	5,091,652	2/25/92	Mathies et al.	250	458.1	
	A27	5,120,953	6/9/92	Harris	250	227.20	
	A28	5,122,653	6/16/92	Ohki	250	216	
	A29	5,132,526	7/21/92	Iwasaki	250	201.3	
	A30	5,139,025	8/18/92	Lewis et al.	128	665	
	A31	5,161,053	11/3/92	Dabbs	359	384	
	A32	5,162,641	11/10/92	Fountain	250	201.2	
	A33	5,162,941	11/10/92	Favro et al.	359	386	
	A34	5,168,157	12/1/92	Kimura	250	234	
	A35	5,192,980	3/9/93	Dixon et al.	356	326	
	A36	Re. 34,214	4/6/93	Carlsson et al.	358	93	
	A37	5,201,318	4/13/93	Rava et al.	128	665	
	A38	5,225,671	7/6/93	Fukuyama	250	216	
	A39	5,235,457	8/10/93	Lichtman et al.	359	368	
	A40	5,239,178	8/24/93	Derndinger et al.	250	234	
	A41	5,248,876	9/28/93	Kerstens et al.	250	561	
	A42	5,260,569	11/9/93	Kimura	250	234	
	A43	5,260,578	11/9/93	Bliton et al.	250	461.1	
	A44	5,262,646	11/16/93	Booker et al.	250	341	
	A45	5,274,240	12/28/93	Mathies et al.	250	458.1	
	A46	5,284,149	2/8/94	Dhadwal et al.	128	665	
	A47	5,286,964	2/15/94	Fountain	250	201.2	
EXAMINER				DATE CONSIDERED			



FORM PTO - 1449				ATTORNEY DOCKET NO.: MDS-009CN (6219/15)			
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Modell et al.			
				SERIAL NO.: 09/841,325			
				FILING DATE: April 24, 2001 GROUP: 3737			
U.S. PATENT DOCUMENTS							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A48	5,294,799	3/15/94	Aslund et al.	250	458.1	
	A49	5,296,700	3/22/94	Kumagai	250	216	
	A50	5,303,026	4/12/94	Strobl et al.	356	318	
	A51	5,306,902	4/26/94	Goodman	250	201.3	
	A52	5,313,567	5/17/94	Civanlar et al	395	124	
	A53	5,324,979	6/28/94	Rosenthal	250	504R	
	A54	5,319,200	6/7/94	Rosenthal et al.	250	341	
	A55	5,329,352	7/12/94	Jacobsen	356	301	
	A56	5,343,038	8/30/94	Nishiwaki et al.	250	234	
	A57	5,345,306	9/6/94	Ichimura et al.	356	346	
	A58	5,418,797	5/23/95	Bashkansky et al.	372	3	
	A59	5,421,337	6/6/95	Richards-Kortum et al.	128	665	
	A60	5,451,931	9/19/95	Muller et al.	340	630	
	A61	5,477,382	12/19/95	Pernick	359	559	
	A62	5,480,775	1/2/96	Ito et al.	435	7.2	
	A63	5,493,444	2/20/96	Khoury et al.	359	559	
	A64	5,587,832	12/24/96	Krause	359	385	
EXAMINER				DATE CONSIDERED			





FORM PTO - 1449	ATTORNEY DOCKET NO.: MDS-009CN (6219/15)
INFORMATION DISCLOSURE STATEMENT	APPLICANT(S): Modell et al.
	SERIAL NO.: 09/841,325
	FILING DATE: April 24, 2001 GROUP: 3737

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

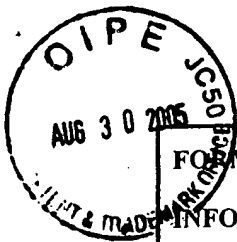
FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B1	SUI223092	4/7/86	Boro					
	B2	EP-A-0280418	8/31/88						
	B3	EP-A-0335725	10/4/89						
	B4	EP-A-0474264	3/11/92						
	B5	EP-A-0641542	3/8/95						
	B6	WO 94/26168	11/24/94	PCT					
	B7	WO 97/05473	2/13/97	PCT					

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C1	P. Davidovits et al. "Scanning Laser Microscope for Biological Investigations", Applied Optics, Vol. 10, No. 7, pp. 1615-1619, July 1971.							
	C2	C.J.R. Sheppard et al. "Depth of Field in the Scanning Microscope", Optics Letters, Vol. 3, No. 3, September 1978, pp. 115-117.							
	C3	C.J. Koester, "Scanning Mirror Microscope with Optical Sectioning Characteristics: Applications in Ophthalmology", Applied Optics. Vol. 19, No. 11, June 1980, pp. 1749-1757.							
	C4	T. Wilson., "The Role of the Pinhole in Confocal Imaging Systems", Confocal Microscopy Handbook, pp. 99-113.							
	C5	C. Koester, "Comparison of Optical Sectioning Methods: The Scanning Slit Confocal Microscope", Confocal Microscope Handbook, pp. 189-194.							

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449

## INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN (6219/15)

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

## U.S. PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)							
	C6	Jeffrey W. Hall, et al. "Near-Infrared Spectrophotometry: A New Dimension in Clinical Chemistry", Clin. Chem 38/9, 1623-1631 (1992).						
	C7	Kevin T. Schomacker, et al. "Ultraviolet Laser-Induced Fluorescence of Colonic Tissue; Basic Biology and Diagnostic Potential", Lasers in Surgery and Medicine, 12: 63-78, (1992).						
	C8	S. Schwartz, "Real-time laser-scanning Confocal ratio imaging", American Laboratory, pp. 53-62 April 1993.						
	C9	R. Richards-Kortum et al. "Description and Performance of a Fiber-optic Confocal Fluorescence Spectrometer, Applied Spectroscopy, Vol. 48, No. 3 pp. 350-355. (1994).						
	C10	J.M. Schmitt et al. "Interferometric Versus Confocal Techniques for Imaging Microstructures in Turbid Biological Media", Proc. SPIE, 2135 (1994), pp. 1-12.						
	C11	N. Ramanuiam et al. "Fluorescence Spectroscopy; A Diagnostic Tool for Cervical Intraepithelial Neoplasia (CIN), Gynecologic Oncology 52, pp. 31-38 (1994).						
	C12	S.G. Anderson, "Confocal Laser Microscopes See A Wider Field of Application", Laser Focus World, pp. 83-86, February 1994.						
	C13	J.M. Schmitt et al. "Confocal Microscopy in Turbid Media", J. Opt. Soc. Am., Vol. 11, pp. 2225-2235, August 1994.						
	C14	N. Ramanuiam et al. "In vivo diagnosis of cervical intraepithelial neoplasia using 337-nm-excited laser-induced fluorescence", Pro. Natl. Acad. Sci. USA, Vol. 91, pp. 10193-10197, October 1994.						

EXAMINER

DATE CONSIDERED



# COPY

EXPRESS MAIL MAILING LABEL

NO. EV631055391US

MDS-009CN (6219/15)

The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Transmittal Form (1 pg.); Amendment and Response (11 pgs.); Request for Consideration of References Previously Submitted (3 pgs.); Copies of the Information Disclosure Statement, related papers (10 pgs.), and copies of references (B1-B7, C1-C14), originally submitted to the USPTO on August 31, 2001, and stamped as received by the USPTO on September 4, 2001; Copies of the Supplemental Information Disclosure Statement, related papers (9 pgs.), and copies of references (B8-B14), originally submitted to the USPTO on October 5, 2001, and stamped as received by the USPTO on December 11, 2001; Copies of the Second Supplemental Information Disclosure Statement, related papers (17 pgs.), and copies of references (B15-B27, C15-C107), originally submitted to the USPTO on July 10, 2003, and stamped as received by the USPTO on July 14, 2003; and this return receipt postcard, all mailed under Certificate of First Class Mailing.

Name of Applicant: Modell et al.

Serial Number: 09/841,325

Atty: TCMeyers/ESaarmaa

Date: December 1, 2003



2716492



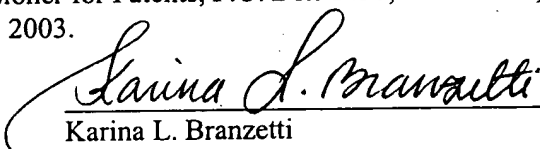
PATENT  
Attorney Docket No. MDS-009CN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Smith, Ruth S.  
TITLE: SPECTRAL VOLUME MICROPROBE ARRAYS

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in a box addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 15<sup>th</sup> day of December, 2003.

  
Karina L. Branzetti

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 pg.);
2. Amendment and Response (11 pgs.);
3. Request for Consideration of References Previously Submitted (3 pgs.)
4. Copies of the Information Disclosure Statement, related papers (10 pgs.), and copies of references (B1-B7, C1-C14), originally submitted to the USPTO on August 31, 2001, and stamped as received by the USPTO on September 4, 2001;
5. Copies of the Supplemental Information Disclosure Statement, related papers (9 pgs.), and copies of references (B8-B14), originally submitted to the USPTO on October 5, 2001, and stamped as received by the USPTO on December 11, 2001;
6. Copies of the Second Supplemental Information Disclosure Statement, related papers (17 pgs.), and copies of references (B15-B27, C15-C107), originally submitted to the USPTO on July 10, 2003, and stamped as received by the USPTO on July 14, 2003; and
7. Return receipt postcard.



PATENT  
Atty. Docket No. MDS-009CN  
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.  
SERIAL NUMBER: 09/841,325 ART UNIT: 3737  
FILING DATE: April 24, 2001 EXAMINER: Smith, Ruth S.  
TITLE: Spectral Volume Microprobe Arrays

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CONSIDERATION OF REFERENCES PREVIOUSLY SUBMITTED**

Sir:

This paper is submitted in response to Office Action, Paper No. 8, mailed from the U.S. Patent and Trademark Office ("PTO") on September 2, 2003, in connection with the patent application identified above. The Examiner included with the Office Action copies of previously submitted PTO-1449 forms. The Examiner indicated she did not consider any of the Foreign Patent Documents (B References) or any of the Other Art, Journal Articles, Etc. (C References). The Examiner indicated "No Copies" on each of the PTO-1449 Forms regarding the B and C references. Applicants hereby request an initialed copy of each of the PTO-1449 forms previously submitted in connection with this application. PTO-1449 forms were submitted on August 31, 2001, October 5, 2001, and July 10, 2003.

**PTO-1449 Form Submitted on August 31, 2001**

According to the requirements of 37 C.F.R. § 1.8 and as indicated on the enclosed documents, on August 31, 2001 Applicants submitted to the PTO an Information Disclosure Statement including form PTO-1449. Applicant subsequently received the return receipt postcard stamped as received by the PTO on September 4, 2001. A copy of this postcard is enclosed.

Applicants submit that the required documents were timely and properly submitted to the PTO as evidenced by the enclosed Certificate of First Class Mail identifying the required documents and the return receipt postcards acknowledging receipt of same and stamped as received by the PTO on September 4, 2001.

Request for Consideration of Reference Previously Submitted  
Docket No. MDS-009CN  
Serial No. 09/841,325  
Filing Date: April 24, 2001

Accordingly, Applicants enclose herewith a copy of the PTO-1449 form that was submitted on September 4, 2001 and a copy of the B (B1-B7) and C (C1-C14) references cited. Applicants hereby request that the Examiner initial the references on the enclosed copy of this PTO-1449, indicating that these references have been considered.

PTO-1449 Form Submitted on October 5, 2001

According to the requirements of 37 C.F.R. § 1.8 and as indicated on the enclosed documents, on October 5, 2001 Applicants submitted to the PTO a Supplemental Information Disclosure Statement including form PTO-1449. Applicant subsequently received the return receipt postcard stamped as received by the PTO on December 11, 2001. A copy of this postcard is enclosed.

Applicants submit that the required documents were timely and properly submitted to the PTO as evidenced by the enclosed Certificate of First Class Mail identifying the required documents and the return receipt postcards acknowledging receipt of same and stamped as received by the PTO on December 11, 2001.

Accordingly, Applicants enclose herewith a copy of the PTO-1449 form that was submitted on October 5, 2001 and a copy of the B (B8-B14) references cited. Applicants hereby request that the Examiner initial the references on the enclosed copy of this PTO-1449, indicating that these references have been considered.

PTO-1449 Form Submitted on July 10, 2003

According to the requirements of 37 C.F.R. § 1.8 and as indicated on the enclosed documents, on July 10, 2003 Applicants submitted to the PTO a Second Supplemental Information Disclosure Statement including form PTO-1449. Applicant subsequently received two return receipt postcards (one corresponding to references A133-A192 and one corresponding to references B15-B27) each stamped as received by the PTO on July 14, 2003. A copy of these postcards are enclosed.

Applicants submit that the required documents were timely and properly submitted to the PTO as evidenced by the enclosed Certificate of First Class Mail identifying the required documents and the return receipt postcards acknowledging receipt of same and stamped as received by the PTO on July 14, 2003.


Accordingly, Applicants enclose herewith a copy of the PTO-1449 form that was submitted on July 10, 2003 and a copy of the B (B15-B27) and C (C15-C107) references cited. Applicants hereby request that the Examiner initial the references on the enclosed copy of this PTO-1449, indicating that these references have been considered.

Request for Consideration of Reference Previously Submitted  
Docket No. MDS-009CN  
Serial No. 09/841,325  
Filing Date: April 24, 2001

Applicants believe no fees are due upon submission of this paper. If any fees are due, the Commissioner is hereby authorized to charge them to Deposit Account No. 20-0531.

Respectfully submitted,

Date: December 1, 2003  
Reg. No. 36,989  
Tel. No. (617) 248-7013  
Fax No. (617) 790-0321



Thomas C. Meyers  
Attorney for Applicant  
Testa, Hurwitz, & Thibault, LLP  
125 High Street  
Boston, MA 02110

2716508



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NO. EV6310 55399US

MDS-009CN (6219/15)

The "Received" stamp of the U.S. Patent Office imprinted hereon acknowledges the receipt and filing of the following documents:

Transmittal Form (1 pg.); Supplemental Information Disclosure Statement (2 pgs.); PTO Form 1449 (4 pgs.); copies of the cited references A65-A132 and B8-B14; and this return receipt postcard, all mailed under Certificate of First Class Mailing.

Applicants: Modell et al.

Serial No.: 09/841,325

Atty: John V. Bianco

Date: October 5, 2001  
2191618








PATENT  
Attorney Docket No. MDS-009CN (6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Not yet assigned  
TITLE: Spectral Volume Microprobe Arrays

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 5 day of August, 2001.

  
Thomas F. Hellenthal

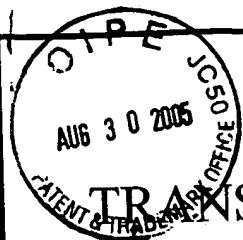
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page);
2. Supplemental Information Disclosure Statement (2 pages);
3. PTO Form 1449 (4 pages);  
and copies of the cited references A65-A132 and B8-B14
4. Return-receipt postcard.

2191569



# TRANSMITTAL FORM

Application Serial Number	09/841,325
Filing Date	April 24, 2001
First Named Inventor	Modell et al.
Group Art Unit	3737
Examiner Name	Not yet assigned
Attorney Docket No.	MDS-009CN
BATCH NO. (after allowance)	Not applicable
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form	<input type="checkbox"/> Copy of Notice to File Corrected Application Papers (PTO-1553)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences
<input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]	<input type="checkbox"/> Formal Drawing(s)	<input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal	<input type="checkbox"/> Status Inquiry
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations A65-A132 and B8-B14	<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application	<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8
	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Additional Enclosure(s) (please identify below)
	<input type="checkbox"/> CD(s) for large table or computer program	
	<input type="checkbox"/> Amendment After Allowance	
	<input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	

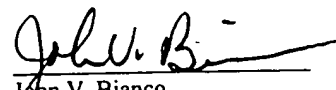
## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110  
Tel. No.: (617) 248-7000  
Fax No.: (617) 248-7100

## SIGNATURE BLOCK

Date: October 5, 2001  
Reg. No. 36,748  
Tel. No.: (617) 248-7870  
Fax No.: (617) 248-7100

Respectfully submitted,

  
John V. Bianco  
Attorney for Applicants  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110



PATENT  
Attorney Docket No. MDS-009CN  
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Modell et al.  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Not yet assigned  
TITLE: Spectral Volume Microprobe Arrays

Assistant Commissioner for Patents  
Washington, D.C. 20231

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

**REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

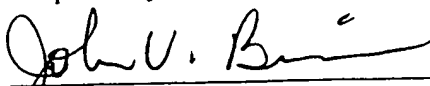
- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Date: October 5, 2001  
Reg. No. 36,748

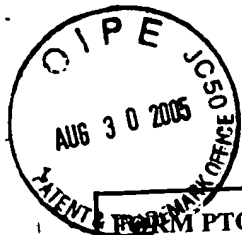
Tel. No.: (617) 248-7870  
Fax No.: (617) 248-7100

2191602

Respectfully submitted,



John V. Bianco  
Attorney for Applicants  
Testa, Hurwitz, & Thibeault, LLP  
High Street Tower  
125 High Street  
Boston, Massachusetts 02110



FORM PTO - 1449

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001

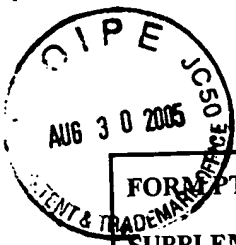
GROUP: 3737

## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A65	3,809,072	5/7/74	Ersek et al.	128	23	
	A66	4,662,360	5/5/87	O'Hara et al.	128	9	
	A67	4,741,326	5/3/88	Sidall et al.	128	4	
	A68	4,768,513	9/6/88	Suzuki	128	634	
	A69	4,877,033	10/31/89	Seitz, jr.	128	660.05	
	A70	4,878,485	11/07/89	Adair	128	6	
	A71	4,891,829	1/2/90	Deckman et al.	378	4	
	A72	4,945,478	7/31/90	Merickel et al.	364	413.22	
	A73	4,974,580	12/04/90	Anapliotis	128	4	
	A74	4,979,498	12/25/90	Oneda et al.	128	6	
	A75	5,003,979	4/2/91	Merickel et al.	364	413.22	
	A76	5,022,757	6/11/91	Modell	356	318	
	A77	5,036,853	8/6/91	Jeffcoat et al.	128	634	
	A78	5,154,166	10/13/92	Chikama	128	4	
	A79	5,159,919	11/03/92	Chikama	128	4	
	A80	5,201,908	4/13/93	Jones	128	4	
	A81	5,237,984	8/24/93	Williams, III et al.	128	4	
	A82	5,257,617	11/2/93	Takahashi	128	4	
	A83	5,261,410	11/16/93	Alfano et al.	128	664	
	A84	5,321,501	6/14/94	Swanson et al.	356	345	
	A85	5,325,846	7/5/94	Szabo	128	4	
	A86	5,337,734	8/16/94	Saab	128	4	
	A87	5,398,685	3/21/95	Wilk et al.	128	653.1	
	A88	5,402,768	4/4/95	Adair	128	4	
	A89	5,406,939	4/18/95	Bala	128	4	
	A90	5,413,092	5/9/95	Williams, III et al.	128	4	

EXAMINER

DATE CONSIDERED



FORM PTO - 1449

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT**

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A91	5,413,108	5/9/95	Alfano	128	665	
	A92	5,415,157	5/16/95	Welcome	128	4	
	A93	5,419,311	5/30/95	Yabe et al.	128	4	
	A94	5,421,339	6/6/95	Ramanujam et al.	128	665	
	A95	5,458,132	10/17/95	Yabe et al.	128	4	
	A96	5,458,133	10/17/95	Yabe et al.	600	121	
	A97	5,507,295	4/16/96	Skidmore	600	121	
	A98	5,516,010	5/14/96	O'Hara et al.	600	122	
	A99	5,529,235	6/25/96	Bolarski et al.	227	175.1	
	A100	5,536,236	7/16/96	Yabe et al.	600	125	
	A101	5,545,121	8/13/96	Yabe et al.	600	121	
	A102	5,551,945	9/3/96	Yabe et al.	600	122	
	A103	5,556,367	9/17/96	Yabe et al.	600	124	
	A104	5,596,992	1/28/97	Haaland et al.	128	664	
	A105	5,609,560	3/11/97	Ichikawa et al.	600	101	
	A106	5,623,932	4/29/97	Ramanujam et al.	128	665	
	A107	5,662,588	9/2/97	Lida	600	121	
	A108	5,685,822	11/11/97	Harhen	600	125	
	A109	5,693,043	12/2/97	Kittrell et al.	606	15	
	A110	5,695,448	12/9/97	Kimura et al.	600	121	
	A111	5,704,892	1/6/98	Adair	600	121	
	A112	5,707,343	1/13/98	O'Hara et al.	600	121	
	A113	5,713,364	2/3/98	DeBaryshe et al.	128	664	
	A114	5,730,701	3/24/98	Furukawa et al.	600	127	
	A115	5,733,244	3/31/98	Yasui et al.	600	127	
	A116	5,746,695	5/5/98	Yasui et al.	600	127	
	A117	5,768,333	6/16/98	Abdel-Mottaleb	378	37	
	A118	5,769,792	6/23/98	Palcic et al.	600	477	

EXAMINER

DATE CONSIDERED



FORM PTO - 1449

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

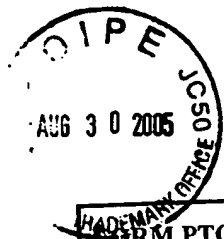
SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001 GROUP: 3737

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A119	5,795,632	8/18/98	Buchalter	428	35.2	
	A120	5,800,350	9/1/98	Coppleson et al.	600	372	
	A121	5,807,248	9/15/98	Mills	600	322	
	A122	5,813,987	9/29/98	Modell et al.	600	473	
	A123	5,817,015	10/6/98	Adair	600	121	
	A124	5,833,617	11/10/98	Hayashi	600	476	
	A125	5,855,551	1/5/99	Sklandnev et al.	600	372	
	A126	5,860,913	1/19/99	Yamaya et al.	600	127	
	A127	5,865,726	2/2/99	Katsurada et al.	600	127	
	A128	5,876,329	3/2/99	Harhen	600	125	
	A129	6,104,945	8/15/00	Modell et al.	600	473	
	A130	6,119,031	9/12/00	Crowley	600	407	
	A131	6,146,897	11/14/00	Cohenford et al.	436	63	
	A132	6,169,817 B1	1/2/01	Parker et al.	382	131	

EXAMINER

DATE CONSIDERED



FORM PTO - 1449

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANT(S): Modell et al.

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001

GROUP: 3737

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B8	1 223 092	4/7/86	SU				In English	N
	B9	0 135 134	3/27/85	EP					Y
	B10	0 689 045 A1	12/27/95	EP					Y
	B11	WO 93/14688	8/5/93	PCT					Y
	B12	WO 95/04385	2/9/95	PCT					Y
	B13	WO 98/30889	2/13/97	PCT					Y
	B14	WO 98/41176	9/24/98	PCT					Y

2191413

EXAMINER

DATE CONSIDERED





MDS-009CN  
(6219/15)

The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Transmittal Form (1 pg.); Second Supplemental Information Disclosure Statement (3 pgs.); Form PTO-1449 (9 pgs.); Cited References A133-A192; Certificate of First Class Mailing Under 37 C.F.R. 1.8 (1 pg.); and this Return Receipt Postcard, all in **BOX 1 OF 2** of this submission.

(**BOX 2 OF 2** of this submission contains the remaining Cited References listed in the Form PTO-1449.)

Name of Applicant: Modell *et al.*  
Serial Number: 09/841,325  
Atty: JVBianco/ESaarmaa  
Date: July 10, 2003  
2651666



The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Transmittal Form (1 pg.); Second Supplemental Information Disclosure Statement (3 pgs.); Form PTO-1449 (9 pgs.); Cited References A133-A192; Certificate of First Class Mailing Under 37 C.F.R. 1.8 (1 pg.); and this Return Receipt Postcard, all in **BOX 1 OF 2** of this submission.  
(**BOX 2 OF 2** of this submission contains the remaining Cited References listed in the Form PTO-1449.)

Name of Applicant: Modell *et al.*  
Serial Number: 09/841,325  
Atty: JVBianco/ESaarmaa  
Date: July 10, 2003  
2651666

MDS-009CN  
(6219/15)



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MDS-009CN  
(6219/15)

The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Cited References B15-B27 and C15-C107; Certificate of First Class Mailing Under 37 C.F.R. 1.8 (1 pg.); and this Return Receipt Postcard, all in BOX 2 OF 2 of this submission.

Name of Applicant: Modell *et al.*  
Serial Number: 09/841,325  
Atty: JVBianco/ESaarmaa  
Date: July 10, 2003

2647105



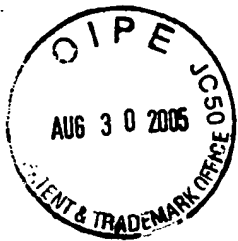
The "RECEIVED" stamp of the Patent Office imprinted hereon acknowledges the filing of:

Cited References B15-B27 and C15-C107; Certificate of First Class Mailing Under 37 C.F.R. 1.8 (1 pg.); and this Return Receipt Postcard, all in BOX 2 OF 2 of this submission.

Name of Applicant: Modell *et al.*  
Serial Number: 09/841,325  
Atty: JVBianco/ESaarmaa  
Date: July 10, 2003

2647105

MDS-009CN  
(6219/15)



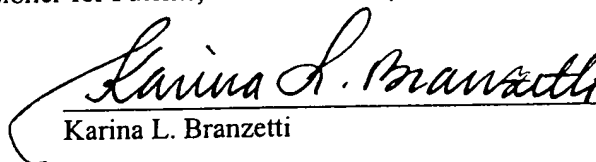
PATENT  
Attorney Docket No.: MDS-009CN  
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Modell *et al.*  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Not yet assigned  
TITLE: Spectral Volume Microprobe Arrays

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in a box addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 10 day of July, 2003.

  
Karina L. Branzetti

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith in **BOX 1 OF 2** are:

1. Transmittal Form (1 pg.);
2. Second Supplemental Information Disclosure Statement (3 pgs.);
3. Form PTO-1449 (9 pgs.);
4. Cited References A133-A192; and
5. Return Receipt Postcard.

Note that Cited References B15-B27 and C15-C107 are mailed in **BOX 2 OF 2** of this submission.



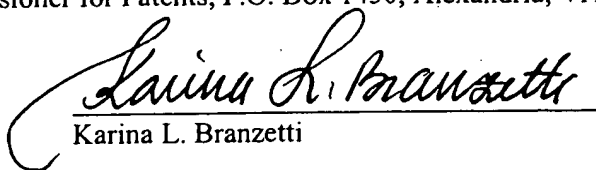
PATENT  
Attorney Docket No.: MDS-009CN  
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Modell *et al.*  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Not yet assigned  
TITLE: Spectral Volume Microprobe Arrays

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in a box addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 10 day of July, 2003.

  
Karina L. Branzetti

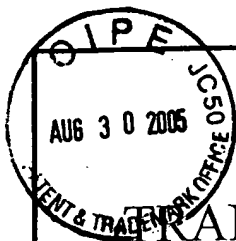
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith in **BOX 2 OF 2** are:

1. Cited References B15-27 and C15-C107; and
2. Return Receipt Postcard.

2647148



# TRANSMITTAL FORM

Application Serial Number	09/841,325
Filing Date	April 24, 2001
First Named Inventor	Modell
Group Art Unit	3737
Examiner Name	Not yet assigned
Attorney Docket No.	MDS-009CN
Patent No.	Not applicable
Issue Date	Not applicable


## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
<input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]		
<input type="checkbox"/> Petition for Extension of Time		
<input checked="" type="checkbox"/> Second Supplemental Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations (A133-A192, B15-B27 and C15-C107)		
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above		

## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110  
Tel. No.: (617) 248-7000  
Fax No.: (617) 248-7100

## SIGNATURE BLOCK

Respectfully submitted,  
  
John V. Bianco  
Attorney for Applicants  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110

Date: July 10, 2003  
Reg. No.: 36,748  
Tel. No.: (617) 248-7870  
Fax No.: (617) 248-7100



PATENT  
Attorney Docket No.: MDS-009CN  
(6219/15)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Modell *et al.*  
SERIAL NO.: 09/841,325 GROUP NO.: 3737  
FILING DATE: April 24, 2001 EXAMINER: Not yet assigned  
TITLE: Spectral Volume Microprobe Arrays

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**

☐ the requisite Statement is below, AND

☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely \$180.00 is included herein.

In addition, Applicants wish to call to the Examiner's attention Office Actions issued in the following commonly-owned, co-pending patent applications:

- 1) U.S. Serial No. 09/591,706, Attorney Docket No. MDS-012, filed on 6/9/00, by Nordstrom et al.;
- 2) U.S. Serial No. 09/738,614, Attorney Docket No. MDS-013A, filed on 12/15/00, by Kaufman et al.;
- 3) U.S. Serial No. 10/068,133, Attorney Docket No. MDS-013AC2, filed on 2/5/02, by Kaufman et al.;
- 4) U.S. Serial No. 09/738,147, Attorney Docket No. MDS-013B, filed on 12/15/00, by Kaufman et al.;
- 5) U.S. Serial No. 10/411,777, Attorney Docket No. MDS-013BC1, filed on 4/11/03, by Kaufman et al.;
- 6) U.S. Serial No. 10/178,772, Attorney Docket No. MDS-014CN, filed on 6/24/02, by Modell et al.;
- 7) U.S. Serial No. 10/122,429, Attorney Docket No. MDS-015CN, filed on 4/12/02, by Nordstrom et al.;
- 8) U.S. Serial No. 09/481,762, Attorney Docket No. MDS-016, filed on 1/11/00, by Modell et al.;
- 9) U.S. Serial No. 09/738,612, Attorney Docket No. MDS-020, filed on 12/15/00, by Costa et al.;
- 10) U.S. Serial No. 10/071,932, Attorney Docket No. MDS-022C1, filed on 2/8/02, by Nordstrom et al.;
- 11) U.S. Serial No. 10/192,820, Attorney Docket No. MDS-028, filed on 7/10/02, by Schomacker et al.;
- 12) U.S. Serial No. 10/099,881, Attorney Docket No. MDS-030, filed on 3/15/02, by Kaufman et al.;
- 13) U.S. Serial No. 10/273,511, Attorney Docket No. MDS-031, filed on 10/18/02, by Clune et al.;
- 14) U.S. Serial No. 10/192,836, Attorney Docket No. MDS-032, filed on 7/10/02, by Zelenchuk;
- 15) U.S. Serial No. 10/243,535, Attorney Docket No. MDS-033, filed on 9/13/02, by Schomacker et al.;
- 16) U.S. Serial No. 10/295,794, Attorney Docket No. MDS-034, filed on 11/15/02, by Schomacker et al.;
- 17) U.S. Serial No. 10/418,922, Attorney Docket No. MDS-035, filed on 4/18/03, by Flewelling et al.;
- 18) U.S. Serial No. 10/418,902, Attorney Docket No. MDS-035A, filed on 4/18/03, by Jiang et al.;
- 19) U.S. Serial No. 10/418,974, Attorney Docket No. MDS-035B, filed on 4/18/03, by Jiang;
- 20) U.S. Serial No. 10/418,668, Attorney Docket No. MDS-035D, filed on 4/18/03, by Costa et al.;
- 21) U.S. Serial No. 10/418,975, Attorney Docket No. MDS-035E, filed on 4/18/03, by Jiang et al.;
- 22) U.S. Serial No. 10/418,415, Attorney Docket No. MDS-035F, filed on 4/18/03, by Schomacker et al.;
- 23) U.S. Serial No. 10/419,181, Attorney Docket No. MDS-035G, filed on 4/18/03, by Jiang et al.; and
- 24) U.S. Serial No. 10/418,973, Attorney Docket No. MDS-035H, filed on 4/18/03, by Schomacker et al.

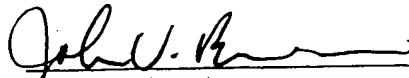
It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

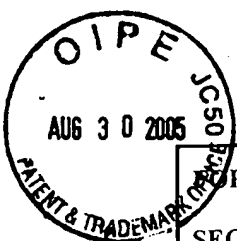


John V. Bianco  
Attorney for Applicants  
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High Street Tower  
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Boston, Massachusetts 02110

Date: July 10, 2003  
Reg. No.: 36,748

Tel. No.: (617) 248-7870  
Fax No.: (617) 248-7100





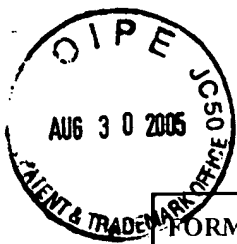
FORM PTO - 1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.: MDS-009CN APPLICANTS: Modell <i>et al.</i> SERIAL NO.: 09/841,325 FILING DATE: April 24, 2001 GROUP: 3737
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## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A133	2002/0007123 A1	1/17/02	Balas et al	600	476	12/15/00
	A134	3,632,865	1/4/72	Haskell et al.	178	6	12/23/69
	A135	3,890,462	06/17/75	Limb et al	178	6.8	04/17/74
	A136	3,963,019	06/15/75	Quandt et al	128	2	11/25/74
	A137	4,071,020	01/31/78	Puglise et al	128	2	06/3/76
	A138	4,218,703	8/19/80	Netravali et al	358	136	03/16/79
	A139	4,273,110	06/16/81	Groux	128	6	07/11/79
	A140	4,549,229	10/22/85	Nakano et al	360	8	1/31/83
	A141	4,800,571	01/24/89	Konishi	375	10	01/11/88
	A142	5,048,946	09/17/91	Sklar et al	351	206	05/15/90
	A143	5,203,328	4/20/93	Samuels et al	128	633	07/17/91
	A144	5,253,071	10/12/93	MacKay	358	222	12/20/91
	A145	5,289,274	2/22/94	Kondo	348	208	1/31/92
	A146	5,345,941	09/13/94	Rava et al	128	665	3/1/93
	A147	5,349,961	09/27/94	Stoddart et al	128	665	09/27/94
	A148	5,419,323	5/30/95	Kittrell et al	128	653	11/17/89
	A149	5,424,543	06/13/95	Dombrowski et al	250	330	04/19/93
	A150	5,450,857	09/19/95	Garfield et al.	128	778	05/19/94
	A151	5,467,767	11/21/95	Alfano et al	128	665	08/27/93
	A152	5,519,545	5/21/96	Kawahara	360	46	11/29/94
	A153	5,562,100	10/8/96	Kittrell et al	128	665	05/25/94
	A154	5,579,773	12/3/96	Vo-Dinh et al	128	665	09/30/94
	A155	5,582,168	12/10/96	Samuels et al	128	633	01/22/93
	A156	5,599,717	2/4/97	Vo-Dinh	436	63	9/2/94
	A157	5,612,540	3/18/97	Richards-Korum et al	250	461.2	3/31/95
	A158	5,647,368	7/15/97	Zeng et al	128	665	02/28/96

EXAMINER

DATE CONSIDERED



FORM PTO - 1449	ATTORNEY DOCKET NO.: MDS-009CN
SECOND SUPPLEMENTAL	APPLICANTS: Modell <i>et al.</i>
INFORMATION DISCLOSURE STATEMENT	SERIAL NO.: 09/841,325
	FILING DATE: April 24, 2001
	GROUP: 3737

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	A160	5,699,795	12/23/97	Richards-Kortum	128	634	12/23/97
	A161	5,717,209	2/10/98	Bigman et al	250	339.12	4/29/96
	A162	5,735,276	04/7/98	Lemelson et al	128	653	03/21/95
	A163	5,773,835	6/30/98	Sinofsky et al	250	462.1	06/7/96
	A164	5,791,346	08/11/98	Craine et al.	128	653	8/22/96
	A165	5,840,035	11/24/98	Heusmann et al.	600	47	2/1/96
	A166	5,842,995	12/1/98	Mahadevan-Jansen et al	600	473	6/28/96
	A167	5,920,399	7/6/99	Sandison et al.	356	418	3/18/97
	A168	5,921,926	07/13/99	Rolland et al.	600	407	12/31/97
	A169	5,929,985	07/27/99	Sandison et al	365	318	3/18/97
	A170	5,931,779	08/03/99	Arakaki et al.	600	310	6/6/97
	A171	5,938,617	08/17/99	Vo-Dinh	600	476	12/3/96
	A172	5,989,184	11/23/99	Blair et al	600	167	12/5/97
	A173	5,991,653	11/23/99	Richards-Kortum et al	660	475	6/19/96
	A174	6,069,689	05/30/00	Zeng et al	356	773	4/14/98
	A175	6,091,985	7/18/00	Alfano et al.	600	476	1/23/98
	A176	6,095,982	8/1/00	Richards-Kortum et al	600	476	12/11/97
	A177	6,208,887 B1	03/27/01	Clarke et al	600	476	6/24/99
	A178	6,241,662 B1	06/5/01	Richards-Kortum et al	600	310	10/20/98
	A179	6,246,479 B1	06/12/01	Jung et al	356	419	12/23/99
	A180	6,285,639 B1	9/4/01	Maenza et al	369	47.28	4/29/98
	A181	6,377,842 B1	4/23/02	Pogue et al	600	478	8/23/99
	A182	6,385,484 B2	5/7/02	Nordstrom et al.	600	476	12/15/00
	A183	6,411,835 B1	6/25/02	Modell et al.	600	407	2/2/99
	A184	6,411,838 B1	6/25/02	Nordstrom et al.	600	476	12/22/99

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449

SECOND SUPPLEMENTAL

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANTS: Modell *et al.*

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001

GROUP: 3737

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	A186	6,427,082 B1	7/30/02	Nordstrom et al.	600	476	12/23/99
	A187	5,690,106	11/25/97	Bani-Hashemi et al.	128	653.1	6/30/95
	A188	5,995,645	11/30/99	Soenksen et al.	382	133	12/4/97
	A189	6,058,322	5/2/00	Nishikawa et al.	600	408	7/25/97
	A190	6,246,471 B1	6/12/01	Jung et al.	356	73	1/10/00
	A191	6,312,385 B1	11/6/01	Mo et al.	600	443	5/1/00
	A192	6,317,617 B1	11/13/01	Gilhuijs et al.	600	408	7/25/97

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EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B15	0 444 689 A2	9/4/91	EP					Y
	B16	0 737 849 A2	10/16/96	EP					Y
	B17	WO 92/19148	11/12/92	PCT			4/29/92		Y
	B18	WO 97/48331	12/24/97	PCT			6/19/97		
	B19	WO 98/05253	02/12/98	PCT			08/2/96		
	B20	WO 98/24369	06/11/98	PCT			11/20/97	N	Y
	B21	WO 99/18847	4/22/99	PCT			12/14/98		Y
	B22	WO 99/20313	4/29/99	PCT			10/20/98		
	B23	WO 99/20314	4/29/99	PCT			10/20/98		
	B24	WO 99/47041	09/23/99	PCT			03/19/99		
	B25	WO 99/57507	11/11/99	PCT			4/30/99		
	B26	WO 99/57529	11/11/99	PCT			5/4/99		
	B27	WO 00/15101	3/23/00	PCT			9/10/99		

EXAMINER

DATE CONSIDERED


 FORM PTO - 1449

SECOND SUPPLEMENTAL

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-009CN

APPLICANTS: Modell *et al.*

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001

GROUP: 3737

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	C21	Balas et al. (1997), "A modular diffuse reflection and fluorescence emission imaging colorimeter for the in-vivo study of parameters related with the phototoxic effect in PDT," <u>SPIE</u> , 3191:50-57.
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	C24	Bessey et al. (1949), "The Fluorometric measurement of the nucleotides of riboflavin and their concentration in tissues," <u>J. Biol.-Chem.</u> , 180:755-769.
	C25	Bors et al. (1998), "Optical flow estimation and moving object segmentation based on median radial basis function network," <u>IEEE Transactions on Image Processing</u> , 7(5):693-702.
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	C28	Brown (1990), "Chemometrics," <u>Anal. Chem.</u> , 62:84R-101R.
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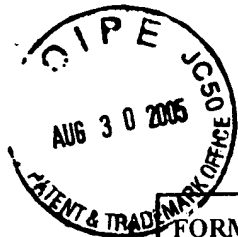
FORM PTO - 1449		ATTORNEY DOCKET NO.: MDS-009CN
SECOND SUPPLEMENTAL		APPLICANTS: Modell <i>et al.</i>
INFORMATION DISCLOSURE STATEMENT		SERIAL NO.: 09/841,325
		FILING DATE: April 24, 2001
		GROUP: 3737
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	C35	Cronjé et al. (1997), "Effects of Dilute Acetic Acid on the Cervical Smear," <u>Acta. Cytol.</u> , 41:1091-1094.
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	C37	Drezek et al. (1999), "Light scattering from cells: finite-difference time-domain simulations and goniometric measurements," <u>Applied Optics</u> 38(16):3651-3661.
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	C41	Edebiri, A.A. (1990), "The relative significance of colposcopic descriptive appearances in the dianosis of cervical intraepithelial neoplasia," <u>Int. J. Gynecol. Obstet.</u> , 33:23-29.
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	C44	Fleet et al. (1995), "Recursive Filters for Optical Flow," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 17(1):61-67.
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	C60	Marzetta et al. (1999), "A surprising radon transform result and its application to motion detection," <u>IEEE Transactions on Image Processing</u> , 8(8):1039-1049.
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EXAMINER		DATE CONSIDERED



FORM PTO - 1449		ATTORNEY DOCKET NO.: MDS-009CN
SECOND SUPPLEMENTAL		APPLICANTS: Modell <i>et al.</i>
INFORMATION DISCLOSURE STATEMENT		SERIAL NO.: 09/841,325
		FILING DATE: April 24, 2001
		GROUP: 3737
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EXAMINER	DATE CONSIDERED
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FORM PTO - 1449		ATTORNEY DOCKET NO.: MDS-009CN
SECOND SUPPLEMENTAL		APPLICANTS: Modell <i>et al.</i>
INFORMATION DISCLOSURE STATEMENT		SERIAL NO.: 09/841,325
		FILING DATE: April 24, 2001
		GROUP: 3737
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	C82	Schmid (1999), "Segmentation and Symmetry Measure for Image Analysis: Application to Digital Dermatoscopy," <u>Ph.D. Thesis, Swiss Federal Institute of Technology (EPFL), Signal Processing Laboratory (LTS)</u> .
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 FORM PTO - 1449

SECOND SUPPLEMENTAL

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ATTORNEY DOCKET NO.: MDS-009CN

APPLICANTS: Modell *et al.*

SERIAL NO.: 09/841,325

FILING DATE: April 24, 2001

GROUP: 3737

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EXAMINER

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